# **Closed Topic Search**

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### **Closed Topic Search**

Published on SBIR.gov (https://www.sbir.gov)

#### 1. DHP15B-001: Conversion to Universal Plasma

Release Date: 04-24-2015Open Date: 05-26-2015Due Date: 06-24-2015Close Date: 06-24-2015

Demand for plasma-based therapies continues to rise. In the US alone, there were  $\sim$ 29 million donations of plasma in 20131. Plasma-based therapies are also in high demand in the military. Warfighters with combat casualties often require massive plasma transfusions for trauma, shock, burn injury, and emergency surgery. Today, only Type AB blood donors, who account for only 4% of the overall donor po ...

STTR Defense Health ProgramDepartment of Defense

# 2. DHP15B-002: Laser and Lightwave Therapies for Wound Healing Application

Release Date: 04-24-2015Open Date: 05-26-2015Due Date: 06-24-2015Close Date: 06-24-2015

Since 8 December 2007, the war in the Middle East has seen over 30,000 soldiers injured in combat with the majority of these injuries occurring the last few years [1]. Despite the type of the injury, the majority of the wounded have suffered some degree of soft tissue injury which needs to be addressed. Since these soldiers endure harsh conditions and their wounds are much more likely to become in ...

STTR Defense Health ProgramDepartment of Defense

### 3. BM: Biomedical Technologies

Release Date: 02-26-2015Open Date: 05-18-2015Due Date: 06-18-2015Close Date: 06-18-2015

The Biomedical Technologies subtopics aim to support the early stage development of novel products, processes, or services that will enable the delivery of high-quality, economically-efficient healthcare in the U.S. as well as globally. The BM subtopics are are not aimed at supporting or conducting clinical trials, clinical efficacy or safety studies, the development pre-clinical or clinical-stage ...

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### 4. BT: Biological Technologies

Release Date: 02-26-2015Open Date: 05-18-2015Due Date: 06-18-2015Close Date: 06-18-2015

BT1. Agricultural and Food Safety Biotechnology New approaches for meeting the world's future nutritional needs. For Agricultural Biotechnology, target areas for improvement may include (but are not limited to) drought tolerance, improved nutritional value, enhanced disease resistance, and higher yield. Proposers should use biotechnology in their approach, and should give consideration to technolo ...

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### 5. CT: Chemical and Environmental Technologies

Release Date: 02-26-2015Open Date: 05-18-2015Due Date: 06-18-2015Close Date: 06-18-2015

The Chemical and Environmental Technologies (CT) topic covers a wide range of technology areas of current and emerging commercial significance pertaining to the broad chemical industry and the environment. Phase I proposals would typically be at the proof of concept/technical feasibility stage on new or novel technology concepts and innovations when submitting to this overall topic area. A proposa ...

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# 6. EA: Educational Technologies and Applications

Release Date: 02-26-2015Open Date: 05-18-2015Due Date: 06-18-2015Close Date: 06-18-2015

Submitted proposals for education applications should provide storyboards, sketches, or descriptions of how the proposed application will work and provide examples of how users would interact with the application and how learning takes place. Projects that propose technologies or products similar to those in the marketplace or those similar to existing products and processes are unlikely to be fun ...

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### 7. EW: Electronic Hardware, Robotics and Wireless Technologies

Release Date: 02-26-2015Open Date: 05-18-2015Due Date: 06-18-2015Close Date: 06-18-2015

Sensors (SE) Recent technological advancements in materials science and bioengineered systems have made inexpensive, powerful, and ubiquitous sensing a reality. Examples range from truly smart airframes and self-evaluating buildings and infrastructure for natural hazard mitigation to large-scale weather forecasting, self-organizing energy systems, and smart devices that self-assemble into network ...

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#### 8. IT: Information Technologies

Release Date: 02-26-2015Open Date: 05-18-2015Due Date: 06-18-2015Close Date: 06-18-2015

Information technology is increasingly impacting almost every aspect of our lives, from communicating with friends and family to manufacturing of the products we use, the efficient supply of food and provision of healthcare services, and the performance of financial markets and our nation's economy. The past decade has seen explosive growth in the generation of data and the creation of usable inf ...

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# 9. <u>I: Internet of Things</u>

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Published on SBIR.gov (https://www.sbir.gov)

Release Date: 02-26-2015Open Date: 05-18-2015Due Date: 06-18-2015Close Date: 06-18-2015

The Internet of Things (IoT) is a rapidly evolving field that involves the interconnection and interaction of smart objects (objects or devices with embedded sensors, onboard data processing capability, and a means of communication) to provide automated services that would otherwise not be possible. IoT is not a single technology, but rather involves the convergence of sensor, information, communi ...

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### **10.** MI: Advanced Materials and Instrumentation

Release Date: 02-26-2015Open Date: 05-18-2015Due Date: 06-18-2015Close Date: 06-18-2015

The Advanced Materials and Instrumentation (MI) topic addresses the development of new and improved materials and instruments for a wide variety of commercial and industrial applications. Proposals in Advanced Materials may focus on the creation of innovative material systems and/or on critical fabrication, processing, or manufacturing challenges involved in the successful commercialization of mat ...

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